

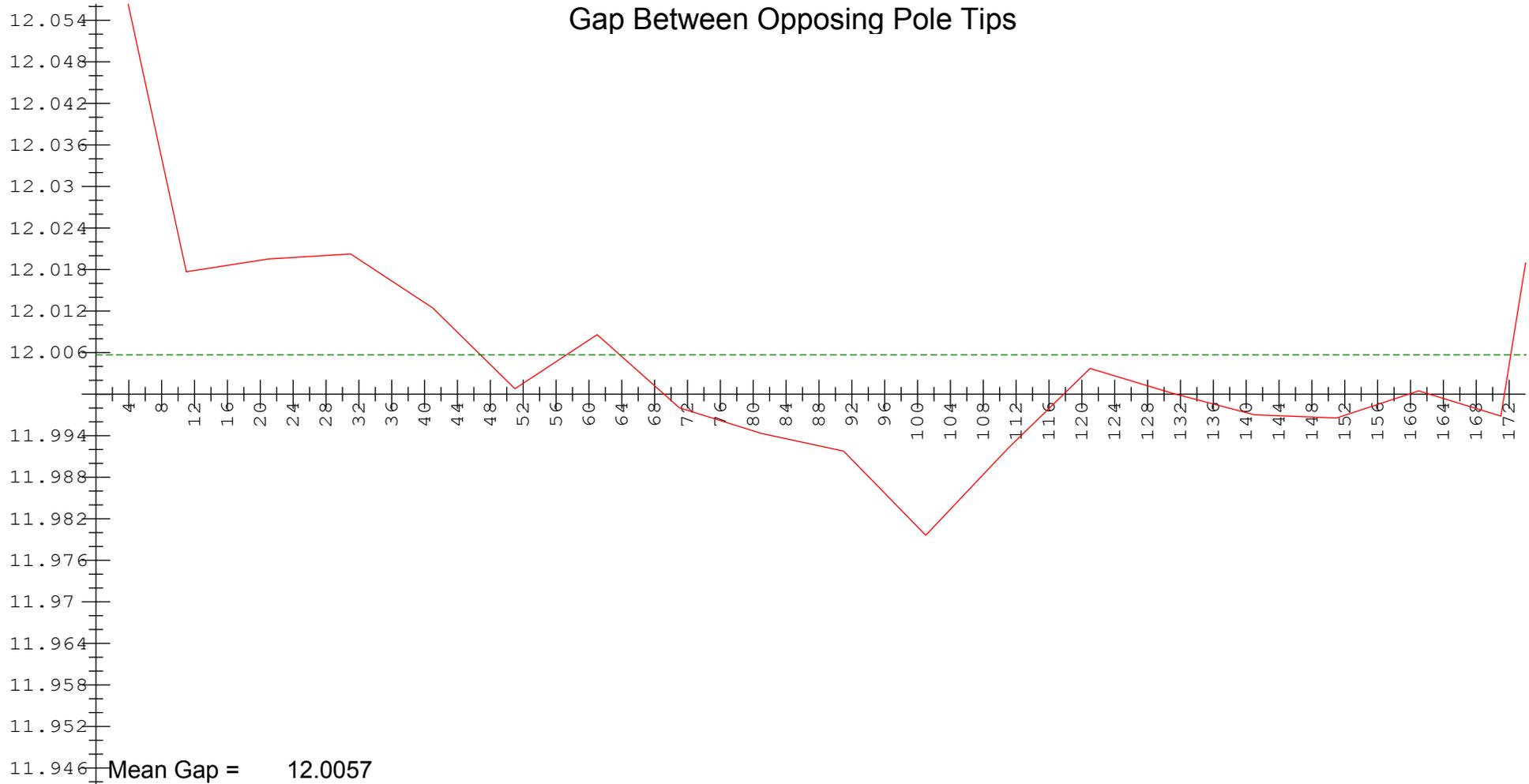
Minimum Effective Gap = 11.978

Y Value Scales Centered on Mean Values  
Step Between Measured Pole Tips = 10

Regression Line Through Points = -----  
Dimensions in mm

	<b>LCLS II - SXR Undulator</b>		29-MAR-2018
	Nominal Gap = 12	Nominal Taper = 0	S/N = 008
Gap Reading = 10.0000	US Encoder = 10.0000	DS Encoder = 10.0000	D/S = 0001
			Run = 10

### Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 10

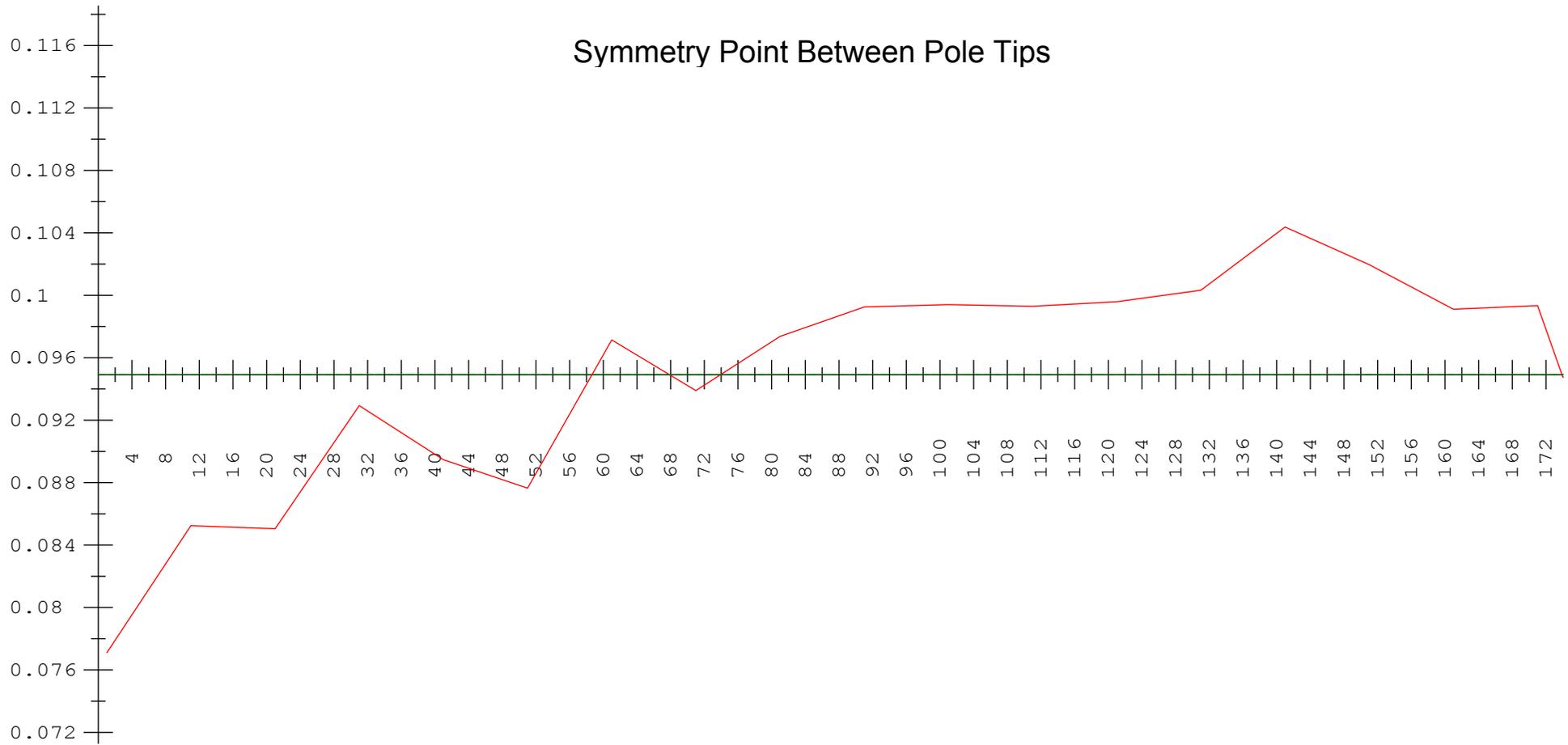
Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 12      Nominal Taper = 0  
 Gap Reading = 10.0000      US Encoder = 10.0000      DS Encoder = 10.0000

29-MAR-2018  
 S/N = 008  
 D/S = 0001  
 Run = 10



Mean Symmetry Value = 0.0949

Step Between Measured Pole Tips = 10

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 12                      Nominal Taper = 0  
 Gap Reading = 10.0000    US Encoder = 10.0000    DS Encoder = 10.0000

29-MAR-2018  
 S/N = 008  
 D/S = 0001  
 Run = 10

## Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
<b>Top</b>	6.0974	6.0977	6.0984	6.0987
<b>Bottom</b>	-5.9259	-5.9184	-5.8996	-5.8919
<b>Gap</b>	12.0233			11.9906
<b>Taper</b>				-0.0326

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
6.0978	-5.9079	12.0057	0.0949

## Additional Calculated Values

<b>Bottom Pole #1 Z Value</b>	<b>979.390</b>
<b>Top Jaw Pitch (mrad)</b>	<b>0.000</b>
<b>Bottom Jaw Pitch(mrad)</b>	<b>0.010</b>
<b>Minimum Effective Gap</b>	<b>11.978</b>
<b>Reference Block Gap</b>	<b>6.803</b>

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 12                      Nominal Taper = 0  
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29-MAR-2018  
 S/N = 008  
 D/S= 0001  
 Run= 10